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Title: APPLIANCE FOR MEASURING THE CURRENT IN CONDUCTOR ;
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Equivalents: ;

ABSTRACT:

The appliance has a sensor (11) located in the vicinity of the conductor which provides a voltage dependent on the strength of the magnetic field generated by the current. The conductor (10) consists of two parts (10a,10b) positioned sufficiently close to each other that the current I_{in} in each is in opposition with the sensor lying between them. The sensor can be a Hall effect sensor connected to an amplifier which can be combined with the sensor or form a separate unit. The conductor can be rectangular in cross-section with the wider sides facing one another.

